

TECHSPEC®

# 4.25" Diameter x 34" FL Protected Gold, Parabolic Mirror



Stock #32-067-566 [CONTACT US](#)

-

1

+

S\$777.20

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|                               |
|-------------------------------|
| Qty 1-9                       |
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| S\$661.20                     |
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Substrate: [BOROFLOAT®](#)

Focal Length Tolerance (%):  
±1.5

Surface Quality:  
60-40

Surface Accuracy:  
λ/8

|                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------|
| <b>Diameter (inches):</b><br>4.25 +0.06/-0                                                                       |
| <b>Diameter (mm):</b><br>108.00 +1.5/-0                                                                          |
| <b>Effective Focal Length EFL (inches):</b><br>34.0                                                              |
| <b>Effective Focal Length EFL (mm):</b><br>863.60                                                                |
| <b>Radius of Curvature (mm):</b><br>1,727.20                                                                     |
| <b>Aperture (f/#):</b><br>f/8                                                                                    |
| <b>Coating:</b><br>Protected Gold (700-10000nm)                                                                  |
| <b>Coating Specification:</b><br>R <sub>avg</sub> >96% @ 700 - 2000nm<br>R <sub>avg</sub> >96% @ 2000 - 10,000nm |
| <b>Coating Type:</b><br>Metal                                                                                    |
| <b>Back Surface:</b><br>Ground                                                                                   |
| <b>Clear Aperture CA (mm):</b><br>98                                                                             |
| <b>Edge Thickness ET (inches):</b><br>0.75                                                                       |
| <b>Edge Thickness ET (mm):</b><br>19.10                                                                          |
| <b>Type:</b><br>Parabolic Mirror                                                                                 |
| <b>Wavelength Range (μm):</b><br>0.7 - 10                                                                        |
| <b>Wavelength Range (nm):</b><br>700 - 10000                                                                     |
| <b>Damage Threshold, Reference:</b> <input type="checkbox"/><br>0.8 J/cm² @ 1064nm, 10ns                         |

Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |
| <b>Reach 235:</b><br><a href="#">Compliant</a>             |